

1. Avoid Zones
  - a. Identified and digitized by MDT using Ortho Imagery\*
    - i. Calvary Cemetery
    - ii. Mount Olivet Cemetery
    - iii. Portage National Historical Landmark
    - iv. Hebrew Cemetery
  - b. Received from city of Great Falls
    - i. Malmstrom Air Force Base
    - ii. Highland Cemetery
  - c. Identified by city of Great Falls and digitized based on that information by MDT using Ortho Imagery\*
    - i. Ayrshire Dairy
  - d. Identified by Brent Roeder from MSU and digitized based on that information by MDT using Ortho Imagery\*
    - i. Ayrshire Dairy Undaunted Site
2. Area Constraint – Identified by feasibility study and digitized based on that information by MDT using Ortho Imagery\*
3. Cadastral – Received from city of Great Falls
  - a. Structures – Received from city of Great Falls
    - i. Parcels with structures
    - ii. Parcels without structures
4. Drainage – Identified and digitized by MDT using Ortho Imagery\*
5. Environmental
  - a. Abandoned Mines - Identified and digitized by MDT using Ortho Imagery\*
  - b. Crude Oil Pipeline – Data received from NRIS Database
  - c. Landfill – Identified and digitized by MDT using Ortho Imagery\*
  - d. Public Water Supplies – Data received from NRIS Database
  - e. Underground Storage Tanks – Data received from NRIS Database
    - i. Leaking
    - ii. Not Leaking
6. Floodplains – Identified and designed using CAD then converted to a GIS layer, all by MDT
7. Parks – Received from City of Great Falls
8. Rail – Layer created by MDT
9. Ramps – Created by MDT using GPS
10. Routes – Created by MDT using GPS
11. Digital Elevation Model – Flown and Created by MDT in 2006

\* Ortho Imagery used was from the 2005 National Agriculture Imagery Program (NAIP)